

Converting Colors

YUV(148.7100, 0.1430, 47.6123)

Have a look what the booklet for
YUV(148.7100, 0.1430, 47.6123)
contains.

YUV(148.7100, 0.1430, 47.6123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.7100, 0.1430,
47.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7995
RGB	203, 121, 149
RGB Percent	80%, 47%, 58%
CMY	0.2039, 0.5255, 0.4157
CMYK	0.00, 0.40, 0.27, 0.20
HSL	340°, 44%, 64%
HSV	340°, 40%, 80%
XYZ	36.8908, 28.5412, 31.9984
YIQ	148.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

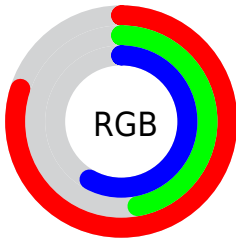
Format	Color
R _Y B	203, 121, 149
Decimal	13334933
CIE Lab	60.37, 35.52, -1.29
CIE LCh	60, 35.546, 357.921
Yxy	28.5412, 0.3786, 0.2929
Android (android.graphics.Color)	4291525013 (0xFFCB7995)
YUV	148.7100, 0.1430, 47.6123
Hunter-Lab	53.4239, 29.7675, 1.8849

Details

The YUV color **148.7100, 0.1430, 47.6123** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.2900, -0.1430, -47.6123**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1120, 0.4378, 46.3828**, and **96.2150, 0.8800, 44.5384** is the 20% darker color. If you saturate the color by 10%, you get **135.4880, 0.2524, 59.2080**, and if you desaturate by 10%, it is **161.9320, 0.0335, 36.0166**.

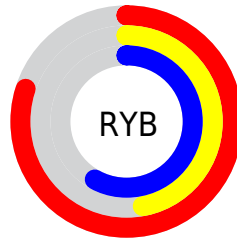
Distribution



Red (80%)

Green (47%)

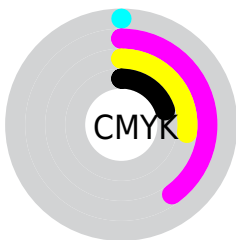
Blue (58%)



Red (80%)

Yellow (47%)

Blue (58%)

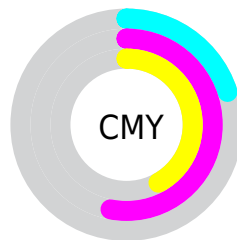


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.7100, 0.1430, 47.6123 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 148.7100, 0.1430, 47.6123 by changing the saturation by 10% instead.


 148.7100, 0.1430,
47.6123


 148.7100, 0.1430,
47.6123


255.0000, 0.0000,
0.0000

 122.1120, 0.4378,
46.3828

 202.1120, 0.4378,
46.3828

 96.2150, 0.8800,
44.5384


 221.1530, 4.8546,
29.6838

 70.8450, 2.0484,
43.1089

 240.9120, 6.9454,
12.3552

 45.4750, 3.2168,
41.6794

 23.5670, 3.6645,
38.0907

 14.7370, -4.3073,
28.2947

 0.0000, 0.0000,

0.0000

■ 148.7100, 0.1430,
47.6123

■ 148.7100, 0.1430,
47.6123

■ 135.4880, 0.2524,
59.2080

■ 161.9320, 0.0335,
36.0166

■ 121.5650, 0.2145,
71.4185

■ 175.8550, 0.0715,
23.8062

■ 108.3430, 0.3239,
83.0142

■ 189.0770, -0.0380,
12.2105

■ 95.1210, 0.4333,
94.6099

■ 202.2990, -0.1474,
0.6148

■ 81.1980, 0.3954,
106.8204

■ 216.2220, -0.1094,
-11.5957

■ 68.5630, 0.2154,
117.9012

■ 229.4440, -0.2189,
-23.1914

■ 238.0840, 2.4236,
-30.7687

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149.6720, 14.4587, 29.2287



148.7100, 0.1430, 47.6123



146.9480, -14.2714, 50.9116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



148.7100, 0.1430, 47.6123



140.0340, -25.1598, -3.5378



122.5050, 37.2190, -84.6349

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



148.7100, 0.1430, 47.6123



175.2900, -0.1430, -47.6123

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.9300, 29.1215, -100.7936



148.7100, 0.1430, 47.6123



135.2890, -11.9745, -32.7025

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



148.7100, 0.1430, 47.6123



143.5210, -30.3299, 21.4681



126.8300, 7.4788, -65.6259



139.2810, 33.8785, -39.7114

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



148.7100, 0.1430, 47.6123



146.3250, -22.8382, 45.3190



126.8300, 7.4788, -65.6259



115.1070, 37.4152, -100.9488

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



148.7100, 0.1430, 47.6123



234.5230, 0.2352, 17.9583



146.1950, 28.0049, 24.3850



116.0660, -0.0325, 10.4661



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.7100, 0.1430, 47.6123



174.1520, -0.0749, 70.9037



152.5620, -15.5601, 44.2341



95.3320, -0.1637, 5.8478



56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



148.7100, 0.1430, 47.6123



174.1520, -0.0749, 70.9037



171.4380, 15.5601, -44.2341



95.3320, -0.1637, 5.8478



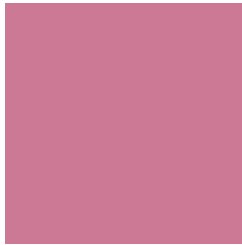
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 148.7100, 0.1430, 47.6123 looks on a white background.

Color Contrast Check

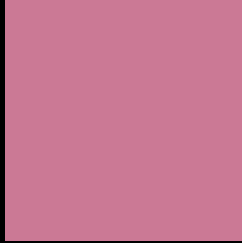
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 148.7100, 0.1430, 47.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

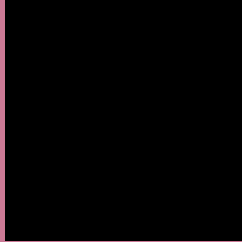
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.7100, 0.1430, 47.6123

Background



This preview shows how black text looks on a background with the YUV color 148.7100, 0.1430, 47.6123.



This preview shows how white text looks on a background with the YUV color 148.7100, 0.1430,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

148.7100, 0.1430, 47.6123

Protanopia

146.5680, 8.5940, -3.1291

Deuteranopia

147.1370, -1.0535, 11.2809



Tritanopia

148.0490, -7.4192, 46.4380

Trichromacy



Original Color

148.7100, 0.1430, 47.6123

Protanomaly

147.2930, 5.7716, 15.5290

Deuteranomaly

147.9260, -0.9495, 24.6209

Tritanomaly

148.4450, -4.6564, 46.9677

Monochromacy



Original Color

148.7100, 0.1430, 47.6123

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1100, -0.0542, 17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7100, 0.1430, 47.6123 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 121, 149)` looks like.

```
.text, #text, p{  
    color:rgb(203, 121, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 121, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 121, 149) }
```

Border

The CSS property to change the border of an element to YUV 148.7100, 0.1430, 47.6123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 121, 149) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 121, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 121, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 121, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 121, 149);  
box-shadow:4px 4px 4px 4px rgb(203, 121,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 148.7100, 0.1430, 47.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 121, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
121, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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